

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/06872

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04J11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
IPC 7 H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, PAJ, WPI Data, INSPEC**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 139 596 A (MITSUBISHI ELECTRIC TELECOM EU) 4 October 2001 (2001-10-04) paragraphs '0013!-'0029!,'0092!-'0120!; figures 2,5	1-20
X	WO 01 50659 A (PICCINONNO FULVIO ; TELIT MOBILE TERMINALS S P A (IT)) 12 July 2001 (2001-07-12) page 1, line 18 -page 2, line 4	1,2,5, 7-13, 16-20 3,4,6, 14,15
A	page 2, line 12 -page 5, line 28; claims 6-9; figures 2,3 abstract	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

19 May 2003

Date of mailing of the international search report

26/05/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DINAN E H ET AL: "SPREADING CODES FOR DIRECT SEQUENCE CDMA AND WIDEBAND CDMA CELLULAR NETWORKS" IEEE COMMUNICATIONS MAGAZINE, IEEE SERVICE CENTER, PISCATAWAY, N.J, US, vol. 36, no. 9, 1 September 1998 (1998-09-01), pages 48-54, XP000784826 ISSN: 0163-6804 page 51, right-hand column, line 40 -page 53, left-hand column, line 45; figures 7,8 -----</p>	1-20

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			CN 1321017 A	07-11-2001
			EP 1139596 A1	04-10-2001
			JP 2001326624 A	22-11-2001
			US 2002006156 A1	17-01-2002
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			WO 0150659 A1	12-07-2001
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